

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P13296D

(maximum 12 characters)

First Name and Inventor Michael KozhukhTitle: INTERCONNECT STRUCTURES IN A SEMICONDUCTOR DEVICE AND PROCESS OF FORMATIONExpress Mail Label No. EV336583774US

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

21906 US-PTO
10/648950**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 24)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 10)**
5. ☒ **Oath or Declaration (Total Pages 5)**
 - a. ☐ Newly Executed (Original or Copy)
 - b. ☒ Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. ☐ **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. ☐ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

| ACCOMPANYING APPLICATION PARTS | |
|---|---|
| 9. | _____ Assignment Papers (cover sheet & documents(s)) |
| 10. | _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee) |
| | _____ b. Power of Attorney |
| 11. | _____ English Translation Document (if applicable) |
| 12. | _____ a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08) |
| | _____ b. Copies of IDS Citations |
| 13. | <u> X </u> Preliminary Amendment |
| 14. | <u> X </u> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) |
| 15. | _____ Certified Copy of Priority Document(s) (if foreign priority is claimed) |
| 16. | _____ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). <u>Applicant must attach form PTO/SB/35 or its equivalent.</u> |
| 17A. | _____ Other: _____ |
| 17B. <u> X </u> Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666. | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below <u>and</u> in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76: | |
| <div style="display: flex; justify-content: space-between;"> _____ Continuation <u> X </u> Divisional _____ Continuation-in-part (CIP) </div> <div style="display: flex; justify-content: space-between;"> Of Prior Application No.: <u>10/066,089</u> Examiner <u>Doan, Theresa T.</u> Group Art Unit <u>2814</u> </div> <div style="font-size: small;"> (which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____, which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____) (List entire chain of priority) </div> | |
| Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority. For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | |
| 19. Correspondence Address <div style="display: flex; justify-content: space-between;"> _____ Customer Number or Bar Code Label _____ (Insert Customer No. or Attach Bar Code Label) </div> <div style="text-align: center; padding: 5px;">or</div> <div style="display: flex; justify-content: space-between;"> here) _____ _____ </div> <div style="display: flex; justify-content: space-between;"> <u> X </u> Correspondence Address Below _____ </div> <div style="display: flex; justify-content: space-between;"> NAME _____ _____ </div> <div style="display: flex; justify-content: space-between;"> ADDRESS <u>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP</u> _____ </div> <div style="display: flex; justify-content: space-between;"> <u>12400 Wilshire Boulevard</u> _____ </div> <div style="display: flex; justify-content: space-between;"> <u>Seventh Floor</u> _____ </div> <div style="display: flex; justify-content: space-between;"> CITY <u>Los Angeles</u> STATE <u>California</u> ZIP CODE <u>90025</u> </div> <div style="display: flex; justify-content: space-between;"> Country <u>U.S.A.</u> TELEPHONE <u>(408) 720-8300</u> FAX <u>(408) 720-8383</u> </div> | |
| <div style="display: flex; justify-content: space-between;"> Name (PRINT/TYPE): <u>Kevin G. Shao</u> Registration No.: <u>45,095</u> </div> <div style="display: flex; justify-content: space-between;"> Signature: <u><i>Kevin G. Shao</i></u> Date: <u>8/26/2003</u> </div> | |

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| <u>Larg Entity</u> | | <u>Small Entity</u> | | <u>Fee Description</u> | <u>F Paid</u> |
|--------------------|-------------|---------------------|-------------|--|---------------|
| <u>F e</u> | <u>Fee</u> | <u>F</u> | <u>Fee</u> | | |
| <u>C d</u> | <u>(\$)</u> | <u>C de</u> | <u>(\$)</u> | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or ath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1813 | 8,800 | 1813 | 8,800 | Request for inter parties reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 750 | 2809 | 375 | For filing a submission after final rejection (see 37 CFR 1.129(a)) | |
| 1814 | 110 | 2814 | 55 | Statutory Disclaimer | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (see 37 CFR 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| 1504 | 300 | 1504 | 300 | Publication fee for early, voluntary, or normal pub. | |
| 1505 | 300 | 1505 | 300 | Publication fee for republication | |
| 1803 | 130 | 1803 | 130 | Request for voluntary publication or republication | |
| 1808 | 130 | 1808 | 130 | Processing fee under 37 CFR 1.17(i) (except provisionals) | |
| 1454 | 1,300 | 1454 | 1,300 | Acceptance of unintentionally delayed claim for priority | |

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ _____

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Kevin G. ShaoSignature:  Date: 8/26/2003Reg. Number: 45,095 Telephone Number: 408-720-8300